

Full range of chemicals

- The CEC Council commits to North American regional cooperation for the sound management of chemicals, including:
 - –pollution prevention
 - -source reduction
 - -pollution control



Res. 95-05

Initial priority

- Management and control of substances of <u>mutual concern</u> that are <u>persistent and toxic</u>
- "Mutual concern" infers transboundary atmospheric pollutants
- North American Regional Action Plans (NARAPs) for:
 - PCBs
 - 3 additional substances, drawing from the 12 POPs identified in the UNEP Governing Council Decision 18/32 of May 1995 [currently on Stockholm Convention list] and certain heavy metals
 - DDT, Chlordane, Mercury



Implementation of SMOC Program to date:

NARAPs have been developed and are being implemented for:

- PCBs (1996): environmentally sound management & control of existing PCBs throughout their life-cycles with objective of virtual elimination through safe phase out and destruction
- DDT (1997): no longer manufactured in North America;
 Total elimination of use in 2000, surpassing plan target of 80% reduction by 2002
- Chlordane (1997): Chlordane no longer registered for use or used; sole North American producer voluntarily ceased production
- Mercury (Phase 1 NARAP 1997; Phase 2 NARAP 2000):
 - 50-percent reduction in national mercury emissions by 2006
 - Phase-out or ban specific mercury uses where there is an unreasonable or otherwise unmanageable risk of release to the environment or risk to human health

International partnerships based of SMOC achievements

- DDT & Chlordane NARAPs profiled as leading examples in the International Forum on Chemical Safety (IFCS) and Intergovernmental Negotiating Sessions (INCs) leading to the Stockholm (POP's) Agreement (1996-2002).
- Mercury NARAP has helped to inform the work of UNEP global assessment on mercury.
- Mexican-Central American demonstration for Action and Demonstration of Sustainable Alternatives to DDT for Malaria Vector Control.

 This \$7.5 million project was initially proposed and is supported by CEC contribution of US \$400,000.

NARAPs are under development for:

- Lindane: a POP.Two stakeholder meetings held drafting of NARAP currently underway.
- Dioxins and Furans, and Hexachlorobenzene: Phase 1 plan for North America is finalized Phase 2 being initiated
- Lead: The Substance Selection Task Force of the SMOC will forward its final Decision Document on lead, including its recommendations, to the SMOC WG tomorrow.

Environmental Monitoring and Assessment

a. 6 sub groups

Air monitoring, Soil /water, Human Health, Data Management Planning, Sampling/laboratory

- b. Blood biomonitoring baseline study
- c. Audit performance and alert to successes



VISION

- refresh the vision of SMOC, consistent with recent commitments countries have already made
 - WSSD 2020 Goals/Plan of Implementation
 - cognizant of, LRTAP Convention, Stockholm, Rotterdam...
- each of these affirm the value of multi-stakeholder involvement
- 3 countries working together make more significant advances than each country working individually



Reducing Risks Associated with Toxic and Persistent Substances

- Enhance implementation of existing action plans
- Report on emerging chemical contaminant issues of potential mutual concern
- Examine various mechanisms for risk reduction
- Enhance capacities for pathway intervention, starting with priority substances addressed by current action plans



SMOC Future Directions

- Reducing Risks Associated with Toxic and Persistent Substances
- Building Partnerships Sharing Experiences
- Improving Environmental Information for Decision Making
- Capacity Building & Sustaining the Initiative
- Public Involvement, Communications and Outreach



The CEC SMOC Program

Brought to you by

- Various Working Groups and Task Forces
- Dedication of Government Experts
- Various Contractors



Thank you

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